

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for providing entry node location information to a service provider in a wireless telecommunication system, comprising ~~the steps of:~~

~~receiving a service provider data packet from the service provider at a wireless device;~~

~~in response to receiving the data packet, sending from the wireless device receiving a radio frequency acknowledgement [[to]] from a wireless device at a wireless telecommunications entry node;~~

~~receiving sending a subscriber data packet from [[a]] the wireless device to at the wireless telecommunications system entry node;~~

~~extracting resource identification information from call record data and forwarding said resource identification information to a service provider host associated with a wireless billing system; and~~

~~sending resource identification information for the entry node to [[the]] a service provider based on the radio frequency acknowledgement; [[and]]~~

~~wherein determining the location of the entry node is determined based on the resource identification information from the entry node.~~

2. (Currently Amended) The method of Claim 1, further comprising ~~the step of~~ determining the number of service provider subscribers operating in the location of the entry node.

3. (Currently Amended) The method of Claim 2, further comprising ~~the step of~~ modifying data transmitted to the subscribers to reduce overburdening components of the telecommunications system based on the number of the subscribers operating in the location of the entry node.

4. (Currently Amended) The method of Claim 3, wherein ~~the step of~~ modifying the data further comprising altering the frequency, volume and content of data transmitted to the subscribers based on the number of the subscribers operating in the location of the entry node.

5. (Currently Amended) The method of Claim 1, further comprising ~~the step of~~ sending entry node location information to service provider subscribers operating in the location of the entry node.

6. (Currently Amended) The method of Claim 5, wherein ~~the step of~~ sending entry node location information to service provider subscribers includes sending commercial and non-commercial information related to an area covered by the entry node.

7. (Currently Amended) The method of Claim 1, further comprising ~~the step of~~ sending entry node location information to third party subscribers of location information on operators of wireless devices located within a service area of the wireless telecommunications system entry node.

8. (Canceled)

9. (Currently Amended) The method of Claim 1, after ~~the step of sending a receiving~~ ~~the subscriber data packet from a wireless device to a~~ at the wireless telecommunications system entry node[[],] the method further comprising:

creating a traffic log at the entry node including resource identification information on the entry node; and

sending the traffic log, the subscriber data packet, and a positive acknowledgement from the entry node to a mobile switch.

10. (Canceled)

11. (Currently Amended) The method of Claim 1, wherein ~~the step of~~ determining the location of the entry node based on the resource identification information from the entry node,

further includes querying an entry node database for the location of the entry node based on the resource identification information.

12. (Currently Amended) The method of Claim 1, wherein the step of determining the location of the entry node based on the resource identification information from the entry node, further includes extracting the location of the entry node from the resource identification information.

13. (Currently Amended) A mobile switch system for providing entry node location information to a service provider in a wireless telecommunication system, comprising:

a wireless device operative

~~to receive a service provider data packet from the service provider at the wireless device; and~~

~~to send a subscriber data packet and a radio frequency acknowledgement at from the wireless device to a wireless telecommunications system entry node in response to receiving the service provider data packet;~~

a mobile switch operative

means for receiving a subscriber data packet and a radio frequency acknowledgement from a wireless device to a wireless telecommunications system entry node;

~~to send means for sending resource identification information for the entry node to the service provider based on the radio frequency acknowledgement through the wireless telecommunications entry node; and~~

~~to extract means for extracting resource identification information from call record data and forward said resource identification information to a service provider host, wherein the forwarded resource identification information is used to determine the location of the entry node associated with a wireless billing system; and~~

a service provider host operative

~~to determine the location of the entry node based on the resource identification information from the entry node.~~

14. (Currently Amended) The mobile switch-method of Claim 13, whereby the further comprising a service provider host is further operative

to determine the location of the entry node based on the resource identification information from the entry node;

to determine the number of service provider subscribers operating in the location of the entry node; and

to modify data transmitted to the subscribers to reduce overburdening components of the telecommunications system based on the number of the subscribers operating in the location of the entry node.

15. (Currently Amended) The mobile switch-method of Claim 14, wherein the service provider host is further operative to modify the frequency, speed, volume and content of data transmitted to the subscribers based on the number of the subscribers operating in the location of the entry node.

16. (Currently Amended) The mobile switch-method of Claim [[13]] 14, wherein whereby the service provider host is further operative

to send entry node location information to service provider subscribers operating in the location of the entry node.

17. (Canceled)

18. (Currently Amended) The mobile switch-method of Claim 13, wherein whereby the entry node is a wireless telecommunications system antenna site and is operative

to create a traffic log including resource identification information on the entry node; and

to send the traffic log, the subscriber data packet, and a positive acknowledgement to the mobile switch.

19. (Currently Amended) A method for providing entry node location information to a service provider in a wireless telecommunication system, comprising the steps of:

~~receiving a data packet from the service provider at a wireless device;~~

~~sending receiving~~ an acknowledgement and a subscriber data packet from [[the]]
~~a~~ wireless device [[to]] ~~at~~ a wireless telecommunications system entry node ~~in response to~~
~~receiving the data packet;~~

at the entry node, creating a traffic log, including resource identification information on the entry node;

~~at a switch,~~ extracting the resource identification information from the traffic log;
and

sending the subscriber data packet, a positive acknowledgement and the extracted resource identification information from the entry node to [[the]] ~~a~~ service provider; [[and]]

~~at an entry node database, determining wherein the location of the entry node is determined~~ based on the resource identification information.

20. (Currently Amended) The method of Claim 19, further comprising, ~~the step of~~

at the service provider, determining the number of service provider subscribers operating in the location in the entry.

21. (Currently Amended) The method of Claim 20, further comprising ~~the step of~~ modifying data transmitted to the subscribers to reduce overburdening components of the telecommunications system based on the number of the subscribers operating in the location of the entry node.

22. (Currently Amended) The method of Claim 19, wherein ~~the step of~~ sending entry node location information to service provider subscribers includes sending commercial and non-commercial information related to an area covered by the entry node.